

WHERE WILL **SCIENCE TAKE YOU?**

When you study science at Swinburne, you embark on a journey of discovery.

You'll experience practical learning and conduct research in world-class labs. You'll study in a university setting that has strong connections with industry and regularly collaborates with esteemed researchers.

Science equips you with excellent problem-solving skills so you can help make better sense of the world. And it takes you in many exciting career directions.

STUDY

PHYSICS

WITH A DEGREE

with a major in Physics

with a major in Physics

Diploma of Science (UniLink)

Physics

· Research and development physicist

· Meteorologist and climate modeller

· Financial modeller and forecaster

Astronomy

Astrophysics

TO LEARN ABOUT

Bachelor of Science

Pathway to a degree:

TO BECOME A

Medical physicist

Astrophysicist

Data Analyst

Bachelor of Science (Professional)

I want to learn how to use mathematics to

I want to learn about

I want to learn about how molecules react and can be manipulated

I want to learn about how molecules make your body work

I want to learn about cells and how to change them

I want to learn about water and agriculture, and how to manage them

model our world

MATHEMATICS

Bachelor of Science (Professional)

with a major in Applied Mathematics

with a major in Applied Mathematics

Diploma of Science (UniLink)

sation

Comput

Mathematics

TO LEARN ABOUT

WITH A DEGREE

Bachelor of Science

Pathway to a degree:

Opti

TO BECOME A

Quantitative analyst

Financial analyst

Actuary

Mathematical researcher

· Biological and Climate Modeller

STUDY

matter and how the universe works

STUDY

CHEMISTRY

WITH A DEGREE

Bachelor of Science (Professional)

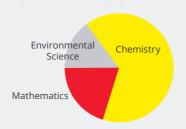
with a major in Chemistry **Bachelor of Science**

with a major in Chemistry

Pathway to a degree:

Diploma of Science (UniLink)

TO LEARN ABOUT



TO BECOME A

- · Chemical researcher
- Analytical forensic scientist
- Agricultural or environmental scientist
- Diagnostic laboratory scientist
- Food or beverage production technician
- Pharmaceutical scientist

OR A DIPLOMA OR CERTIFICATE

Diploma of Laboratory Technology Certificate IV in Laboratory Technology Certificate IV in Science

TO BECOME

- Laboratory technician
- Technical officer

STUDY

BIOCHEMISTRY

WITH A DEGREE

Bachelor of Science (Professional) with a major in Biochemistry

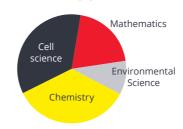
Bachelor of Science

with a major in Biochemistry

Pathway to a degree:

Diploma of Science (UniLink)

TO LEARN ABOUT



TO BECOME A

- · Biochemical researcher
- · Clinical biochemist
- Agricultural or environmental scientist
- Forensic scientist
- · Food or beverage production technician
- Pathologist

OR A DIPLOMA OR CERTIFICATE

Diploma of Laboratory Technology Certificate IV in Laboratory Technology Certificate IV in Science

TO BECOME

- · Laboratory technician
- · Technical officer

STUDY

BIOTECHNOLOGY

WITH A DEGREE

Bachelor of Science (Professional) with a major in Biotechnology

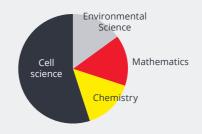
Bachelor of Science

with a major in Biotechnology

Pathway to a degree:

Diploma of Science (UniLink)

TO LEARN ABOUT



TO BECOME A

- Biotechnology researcher
- · Clinical biochemist
- Agricultural or environmental scientist
- Diagnostic laboratory scientist
- Food or beverage production technician
- · Pharmaceutical scientist

OR A DIPLOMA OR CERTIFICATE

Diploma of Laboratory Technology Certificate IV in Laboratory Technology Certificate IV in Science

TO BECOME

- Laboratory technician
- Technical officer

STUDY

ENVIRONMENTAL SCIENCE

WITH A DEGREE

Bachelor of Science (Professional) with a major in Environmental Science

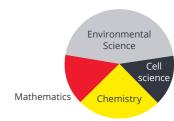
Bachelor of Science

with a major in Environmental Science

Pathway to a degree:

Diploma of Science (UniLink)

TO LEARN ABOUT



TO BECOME A

- Environmental scientist or consultant
- Sustainability analyst
- · Water quality expert · Plant and animal breeder

OR A DIPLOMA OR CERTIFICATE

Diploma of Laboratory Technology Certificate IV in Laboratory Technology Certificate IV in Science

TO BECOME

Laboratory technician



THE SWINBURNE ADVANTAGE

At Swinburne, getting you job-ready is at the core of what we do. Our Work Integrated Learning options prepare you for the day-to-day requirements of work, helping you become a more competitive graduate. You'll build invaluable skills, career networks and, most importantly, the confidence of knowing you have what it takes to land a job in your field. This is the Swinburne Advantage.

Visit swinburne.edu.au/workintegratedlearning

Professional degrees

Professional degrees are available to students who have completed an Australian Year 12 program. These courses extend the standard degrees to include a professional placement comajor comprising a 12-month work placement. The professional placement co-major is credit-bearing and will strengthen your employability. You'll benefit from Swinburne's unique industry partnerships and be paid during your placement. Look for degrees with (Professional) in the title.

Double degrees

Double degrees are a great way to broaden your study experience and are highly respected by employers. They combine two areas of study and on completion you'll be awarded two degrees. A double degree is generally only one year longer than a single degree.

Consider combining your IT degree with a degree in another study area by studying:

- Bachelor of Arts/Bachelor of Science
- Bachelor of Education (Secondary)/Bachelor of Science
- · Bachelor of Engineering (Honours)/Bachelor of Science
- Bachelor of Health Science/Bachelor of Science
- · Bachelor of Laws/Bachelor of Science

Pathways to a degree

UNILINK DIPLOMAS

UniLink diplomas are equivalent to eight units of study (typically one year of full-time study) and can provide a pathway to the second year of a related bachelor degree.

These courses are an option for students who miss direct entry to a degree or who would benefit from a more supportive style of learning.

VOCATIONAL EDUCATION

Diplomas and certificates are vocational qualifications that provide practical teaching and skills for work. A vocational qualification could prepare you for your first job, help you retain or take the first step in a career change.

Successful completion of a vocational qualification may also allow you to progress to another qualification with advanced standing.

Scholarships

The Vice-Chancellor's Excellence Scholarship is awarded to students in recognition of academic excellence. Recipients will receive \$5000 per annum for the normal duration of their chosen degree, plus a one-off payment of \$2000 towards an international study experience. They will also have the opportunity to join our High Achievers Program.

To learn more about the program visit **swinburne.edu.au/ highachievers**

Swinburne also offers scholarships to students from indigenous backgrounds, students suffering from financial hardship and students who have relocated from regional areas to study.

For a full list of scholarships, including value and eligibility criteria, visit **swinburne.edu.au/scholarships**

